

IGY Opens Way to Radical Developments for Researchers

Editor's note: The International Geophysical Year ending Dec. 31 opened new vistas for scientific exploration in many fields besides space penetration. In the following dispatch, the executive director of the U.S. National Committee for IGY takes a look ahead.

By DR. HUGH ODISHAW
Executive Director, U. S. National Committee for IGY
Written for United Press International

Washington—The International Geophysical Year has opened the way to many new and radical developments, quite aside from space science. On the basis of what was learned during 18 months of global mapping of man's environment by 30,000 scientists and technicians from 66 nations, it seems entirely reasonable to anticipate that:

—Within a century or so the oceans can become serious competitors of the continents in terms of material resources.

—Within the same period it is likely that the energy and material resources of the depths of the earth will initially be tapped.

—Well within the same period it is conceivable that new and fundamental discoveries of solar processes will revolutionize our approaches to man's energy problems.

'Last Nail' Hope

These opinions are based on the assumption that we will continue to search for answers in nature.

I hope very strongly that one of the by-products of IGY may be that it drive the last nail in the coffin of the juvenile and dangerous argument over the value of basic research. Scientific advances, whether national or international, can no longer be sustained on a crash basis or by gifted tinkers. They depend almost exclusively upon the rewards of basic research.

What of the immediate future? International cooperation in geophysical research will certainly continue for an indefinite period. While the IGY as such is over, plans are under way for continuing through another year the kind of cooperation and activity that marked the IGY. This program is called International Geophysical Cooperation—1959 (IGC-1959).

It will consist in part of continuing geophysical research programs in various nations, marked by international cooperation in the observational aspects and by data interchange as in the IGY.

Special committees have already been set up to continue international cooperation in studies of the oceans, Antarctica, and to keep a continuing watch on the sun.

To Press Research

Of course, it goes without saying that space research will be pressed, here and abroad. The age of space affords a limitless frontier to the human mind and spirit. The pursuit of knowledge of the universe using the tools now at hand will occupy the interests and energies of innumerable men as they reach, no longer earthbound, far into space. The drama and excitement here, if properly construed, are incomparable, and the ultimate place of IGY in history may be as the initiator of space research.

History may well regard this innovation as the most striking departure of man in this or any century.

Remittance Control Machine Received

A new remittance control machine, streamlining handling of cash receipts in the county clerk's office, has been received by the county from the National Cash Register company.

The machine, which will make one person responsible for all cash receipts, instead of the 14 as in the past, was built according to recommendations made by County Clerk Bereth Hopkins, she reported.

All of the many receipts handled in the office will go through the machine. It will provide locked totals and audit reports and issue certified receipts, as well as save time and make fewer mistakes, it was said.

PROSPECT Cookie Supply Assured

By GLADYS GOVOR

Prospect-Debra Marie Andersen, baby daughter of Mr. and Mrs. Donald Andersen, Prospect, may have difficulty keeping track of "who's who" as far as her grandparents are concerned—but she is almost assured of a steady supply of home-made cookies.

Debra, who was born Nov. 23 at Rogue Valley hospital in Medford, has a total of nine grandparents and great grandparents living in this area.

Grandparents on her mother's side of the family are Mr. and Mrs. Clifford Clark, Prospect, and great grandparents are Mr. and Mrs. Bruce Grieve, all of Prospect.

On her father's side, grandparents are Mr. and Mrs. Walter Andressen, Prospect, and great grandparents are Mrs. Lillie Larimer, Medford, and Mr. and Mrs. Ray Millard Sr., Prospect.

Darlene Nye is spending the holidays with her parents, Mr. and Mrs. Waldo Nye. Darlene is attending college in Idaho.

A Christmas program was held at Prospect school Monday evening, Dec. 22. After Santa Claus made his appearance, several young folks were caroling at homes in the community.

The WCTU will meet at the home of Mrs. Hattie Harris near Wildwood store on Crater Lake highway Tuesday, Jan. 13.

The YTC will meet at the home of Mrs. Dee Hedegath Monday, Jan. 26, at 7 p.m.

Mr. and Mrs. Steve Hixon recently became parents of a baby girl.

Mr. and Mrs. Joe Colley of Medford were visitors in the prospect area Saturday, Dec. 21.

Mrs. Goldie Sanderson visited Mrs. Louis Stevenson last Tuesday.

Mr. and Mrs. Howard Mather and Warren of Medford had dinner Thursday at the home of Mr. and Mrs. Lyle Pope and Lisa. The Mathers also visited other relatives in the area.

Mr. and Mrs. Bud Foster and sons, David and Johnnie, visited friends at Myrtle Point recently.

Wendall Bates cut the tips of his fingers while working in the wood shop at the school recently.

Mr. and Mrs. Lawrence Sanderson, Sandy and Pat visited Mr. and Mrs. Steve Stevenson Christmas day.

Albert Cheboady visited his sister, Mrs. Richard Mather, Monday.

Mrs. Edythe Wilson and grandson, George Lycete, spent the holidays at Mrs. Wilson's daughter's home in Yreka, Calif.

Grants Pass Plywood Plant Sold Again

Grants Pass—The second sale of the Southern Oregon Plywood Co. plant here was announced Monday by Don Plummer, of the Vancouver, Wash., Plywood Co.

The transfer which became effective Dec. 27, followed by only three days the announced purchase of the local plant and its timber holdings by the Vancouver company.

The second sale was made to a group of Grants Pass businessmen headed by Jackson Beaman, general manager of the firm.

The original purchase price was \$2,100,000 but the price involved in the new transaction was not disclosed.

Beaman said the Vancouver company is retaining a small amount of stock in the firm. The plant employs 250 persons in Grants Pass.

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Son of Missing Portland Family Holds Out Hope

Portland—Donald Martin, 28, whose parents and three sisters disappeared Dec. 7, believes there is "a good chance" they are still alive.

Martin told the Oregon Journal in a telephone interview from New York, where he is serving in the Navy that "my father is a fine woodsman, a conservationist, a Boy Scout leader and he can live off the land."

He said he couldn't understand why the family's red and white station wagon hadn't been found. He said he believed if the family had experienced car trouble in a remote area his father knew enough about outdoor life to keep everyone alive.

Hitchhikers Discounted

Martin discounted any idea that his father had picked up a hitchhiker.

"He never did when I was along," he said. "He was against it."

Martin said he first heard of the disappearance when an aunt telephoned him from Portland Dec. 9. He said he first thought of returning to Oregon but decided there was nothing he could do that authorities have not done.

His family sent him his Christmas present—two shirts—before they vanished. He received the package several days ago.

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Mr. and Mrs. Ray Millard Jr. of Portland are the parents of a girl, whom they have named Julie Carol. The baby weighed 6 pounds 8 ounces.

Tall Tale About Cold Wins Annual Burlington Liars Club's Top Prize

Burlington, Wis.—UPI—The way Lou Powers tells about it, the weather got so cold at Orionville, Minn., last winter that it won him a prize.

There was this teakettle full of boiling water, Lou said; and the weather was so cold that it froze the water so fast the ice was still warm.

Best Tall Tale

And when he opened the door and kicked out the family cat for the night, he froze his foot.

Powers' story won the 29th annual Burlington Liars' club award today for the best tall tale of 1958.

Honorable mention went to three liars:

Is That So?
By OLGA BURNS

The sprig of mistletoe that hangs in many homes at Christmas was regarded with awe by our North European ancestors long before Christmas.

For that reason the Teutonic peoples made it the arrow by which the sun god was killed, symbolizing the death of the year.

The Druids, on the other hand, when they found a mistletoe growing on an oak tree, had it removed by a high priest using a golden sickle. They felt it could kill or severely injure even the sacred oaks.

Their thought was correct. The mistletoe is a parasitic growth highly injurious to any tree on which it gets a start, and apparently nearly all types of trees are suitable as a host. For example, in the Bitterroot Mountain area of Montana it did such damage to the Douglas firs some years ago that lumber cruisers didn't bother to list those valuable trees in their estimates of the logging cut. The source of the mistletoe for the Christmas trade is further evidence of the variety of host trees. That in the American market comes from even cottonwoods and poplars. In North European countries the majority comes from apple trees.

Mistletoe Transplanted

Mistletoe gets started on a tree mainly due to the birds. They transplant it by their bills—accidentally. Birds are very fond of mistletoe berries. The berries are filled with a sticky pulp that adheres to the bird's bill. The bird flies to another tree and wipes his bill on a branch. The sticky stuff contains a seed about which it hardens, holding the seed in a crevice in the bark. The seed germinates, sends a root into the wood and sucks out the sap. As the shrub takes form and develops green leaves, it thrusts upward toward the sun, taking so much strength from the tree that the upper parts die.

But if the mistletoe is such a danger to trees, why hasn't it made even greater inroads on our forests? One reason is that the mistletoe needs the sun and so flourishes best either on isolated trees or on the tops of those in forests. Fully as important is the fact that some of the mistletoe are themselves subject to a parasite that is blown on the wind and attacks and kills its berries.

(Released by McClure Newspapers)

Sorry, I simply can't answer your many friendly letters individually, but I will be glad to answer letters of general interest through the column. Please address your letter to: Is That So? c/o Medford Mail Tribune, Box 1069, San Francisco, Calif.

Huges and children from Buena Park, Calif., are spending the Christmas holidays with Mr. and Mrs. Virgil Governor and Cindy.

Word has been received here of the death of Ervin Mather at Canyonville, Ore. He is the brother of Howard Mather. His funeral was held Sunday.

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Drugged Animals Used To Study Hallucinations

Washington—Drugged animals are being used to study why the mentally ill and people with fever see things that are not there.

Certain chemicals such as mescaline and LSD-25 have been found to produce a kind of temporary psychosis in humans, complete with hallucinations in varying degrees.

These chemicals will also work with animals, Dr. Amedeo S. Marrazzi, director of the Veterans Administration research laboratories in neuropsychiatry, reported to the American Association for the Advancement of Science here.

The chemicals, he said, work by first interfering with the action of the visual association areas in the brain and then by quenching the influence of the brain's higher centers over the visual receiving areas. This dissociation of the different parts of the brain makes it impossible for the individual to distinguish between reality and the unreal.

Intensify Signal Flow

At the same time, the chemicals intensify the inflow of visual signals.

Thus, such chemicals, whether administered by the doctor or occurring naturally in the body, create exactly the condition leading to illusions and hallucinations.

Fortunately, the abnormal states created in animals by mescaline or LSD-25 can be prevented by the tranquilizers.

LSD-25 is lysergic acid diethylamide.

Superintendent Selected for Book

County School Superintendent Alf B. Mekvold has been selected again this year to appear in the national publication "Who's Who in Education."

The book contains names of prominent educators.

Mekvold, president of the Oregon Association of County School Superintendents, has been county superintendent since 1951 and in teaching and school administration for more than 30 years.

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ILLINOIS VALLEY Family Reunion Held

By RUTH RAUSCH

Cave Junction—The home of Mr. and Mrs. Vern Lackey and children, Patty Jo, Sherman, Paul and Sherry, of Grants Pass was the scene for a family reunion Christmas Day.

Attending the dinner were Mr. and Mrs. Alvin Lackey, Mr. and Mrs. John Lackey, Mr. and Mrs. Robert Lackey and son Bob Capps, all of Kerby; Mr. and Mrs. Stan Waterman and sons, Richard and John, of Willam Creek, and Mr. and Mrs. William Grollnitz of Grants Pass.

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Friends and relatives at the home of Mr. and Mrs. Jim London and son, Danny, for Christmas dinner were Mr. and Mrs. Bob Squitieri, Mr. and Mrs. Don Holton of Crescent City and Mrs. London's parents, Mr. and Mrs. Lester Mathes, of Central Point.

Mr. and Mrs. Carl Jolly and daughters Sharen, Peggy and Patsy, entertained Mrs. Jolly's parents, Mr. and Mrs. Bill Raines, for Christmas dinner.

The home of Mr. and Mrs. Jim Hansen will be the scene for the Civic Women's League's New Year's eve party.

Mr. and Mrs. Jim Madden and daughter Gwen returned recently from Ogden, Utah, where they visited relatives. On their return they brought Jim's mother, Mrs. Anna Madden, home. She has been visiting friends and relatives in Utah for the past three months.

Mr. and Mrs. Madden spent Christmas day with Jim's brother and sister-in-law, Mr. and Mrs. Allen Madden of Crescent City.

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